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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

ARMOUR, John Anthony

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For: GENETIC SCREENING

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PRELIMINARY AMENDMENT

IN THE CLAIMS

Please cancel claim 1 through 26 without prejudice or disclaimer.

Please add the following claims:

27. A method of screening for copy number of target nucleic acid sequences in a sample of genetic material, the method comprising introducing to the sample a plurality of different genetic probes suitable to hybridise with respective target sequences and all flanked by the same or substantially the same primer bonding sites, subjecting the sample to conditions favoring hybridization of the probes to their respective sequences, and amplification of sample-bound probes using a pair of primers, wherein analysis of the respective amounts of amplified probe provides for quantitative determination of the copy number of the respective nucleic acid sequences in the sample.

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